Page 2, line 30 - page 3, line 2, delete current paragraph and insert therefor:

b3 The sun gear wheel of the reduction gear means is connected to an angled or right angle gear reduction e.g. a bevel gear which mates with a motor driven bevel pinion. Said sun gear wheel and the bevel gear are carried out as a unitary gear wheel which is supported with respect to the nut of the screw mechanism by means of a rolling element bearing. In order to achieve an appropriate reduction, the pitch diameter of the bevel gear is larger than the pitch diameter of the sun gear wheel. The screw, nut, rolling elements and reduction gear components may be obtained by hard turning.

Page 3, lines 27-29, delete current paragraph and insert therefor:

b4 The displaceable brake pad 3 engages a ball screw mechanism 5 which by means of reduction gear means 6 is driven by motor 7. Said motor may be a hydraulic or pneumatic motor. Said motor 7 may be provided with a sensor 40, connected to the motor shaft. The screw mechanism may have a coating such as a diamond like carbon coating.

Page 3, line 30 - page 4, line 2, delete current paragraph and insert therefor:

b5 More in particular, the displaceable brake pad 3 is connected by means of bolt 8 and screwthreaded hole 9 to an actuating member 10. Said actuating member 10 engages the screw 11 by means of a bearing 12 capable to take up axial load. In other exemplary embodiments the screw (11) may be rigidly connected to the actuating member. Said actuating member is carried out as a piston 10, which is slidably, but non-rotatably held in a cylinder space 38 in the housing 17. In other exemplary embodiments the piston may be rotatably held in the cylinder space 38.

IN THE CLAIMS:

Please replace claims 1, 6, 18 and 24 as follows:

b6 1. (Amended) Screw actuator, comprising a housing (17), a motor (7), an actuating member (10) and a screw mechanism (5) which provides a linear movement of the actuating

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